

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003623**Date Inspected:** 23-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	OBG				

Summary of Items Observed:

UT

This Quality Assurance (QA) inspector arrived at ZPMC in Shanghai China for observation of Orthotropic Bridge Girders (OBG) and Self Anchored Suspension (SAS) Bridge. This QA inspector received notification of witness inspection request numbers 896 from ZPMC QC department for UT verification. This QA inspector performed UT verification after ZPMC had completed and accepted the weldments in the heavy duty tower shop bay 1 for the following locations; NSD1-SA10-A/K-15 & 16 A/B. This QA inspector performed UT verification in the OBG Bay 3 for deck and edge panel splices as follows; DP723-001-007, DP729-001-007, DP726-001-007 DP732-001-007, EP098-001-001 and EP109-001-001. These locations in Bay 3 this QA inspector outlined the areas for ZPMC to perform RT testing. Also noted for UT verification by this QA inspector was OBG bay 7 for floor beams as follows; FB068-001-002/-21, FB064-001-002/021, FB067-001-006/017, FB063-002-002/021 and FB063-001-002/021. This QA inspector performed 10 % of the weld lengths for review and at the time of the QA review the weldments appeared to be in conformance. A TL-6027 will be generated for these locations.

Summary of Conversations:

No conversations Today.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco , 1-381-694-2685, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Inspected By:	Riley, Ken	Quality Assurance Inspector
Reviewed By:	Carreon, Albert	QA Reviewer
